Secrets
ABAP
Apex
C
C++
CloudFormation
COBOL
C#
CSS
Flex
Go
HTML
Java
JavaScript
Kotlin
Kubernetes
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
Terraform
Text
TypeScript
T-SQL
VB.NET
VB6
XML

HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 | Bug 24 | Security Hotspot 3 | Code Smell 38

Tags

Search by name...

Table cells should reference their headers
Bug

Tables used for layout should not include semantic markup
Bug

Tables should have headers
Bug

"<html>" element should have a language attribute
Bug

<script>...</script> elements should not be nested
Bug

"<th>" tags should have "id" or "scope" attributes
Bug

"<title>" should be present in all pages
Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags
Bug

Elements deprecated in HTML5 should not be used
Bug

HTML "<table>" should not be used for layout purposes
Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements
Code Smell

Videos should have subtitles
Code Smell

Meta tags should not be used to refresh or redirect

Analyze your code

Code Smell | Major | user-experience

Use of `<meta http-equiv="refresh">` is discouraged by the World Wide Web Consortium (W3C).

If a user clicks the 'Back' button, some browers will go back to the redirecting page, which will prevent the user from actually going back.

To refresh the page, a better alternative is to use Ajax, to refresh only what needs to be refreshed and not the whole page.

To redirect to another page, using the HTTP response status code 301 'Moved Permanently' and 302 'Found' is a better option.

Noncompliant Code Example

```
<head>
  <meta http-equiv="refresh" content="5">   <!-- Non-Com
  <meta name="description" content="...">
</head>
```

Compliant Solution

```
<head>
  <meta name="description" content="...">
</head>
```

Available In:

sonarlint | sonarcloud | sonarqube

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Attributes deprecated in HTML5 should not be used

Code Smell

Sections of code should not be commented out

Code Smell

Track uses of "FIXME" tags

Code Smell

Meta tags should not be used to refresh or redirect

Code Smell

Links should not directly target images

Code Smell

"" and "" tags should be used

Bug

"<li>" and "<dt>" item tags should be in "<ul>", "<ol>" or "<dl>" container tags

Bug

Server-side image maps ("ismap" attribute) should not be used

Bug

"<frames>" should have a "title" attribute

Bug

"<fieldset>" tags should contain a "<legend>"

Bug

Flash animations should be embedded